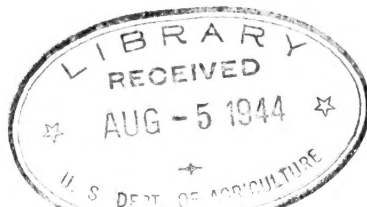


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A CAMERA STAND FOR INSECT PHOTOGRAPHY

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The stand consists of a base, 11 by 14 inches, an upright tract, $1\frac{1}{4}$ by 3 inches by 3 feet, and a sliding head to hold the camera in position (fig. 1). The base of the sliding head is 1 by $3\frac{1}{4}$ by 8 inches. It is held to the upright by a simple wooden clamp made of two pieces 1 by 3 by 6 inches and a leg 1 by 3 by 6 inches. The edges of the upright tract are rounded and the wooden clamp is grooved to receive it. A bolt ($\frac{1}{4}$ by 5 inches) passes through the pieces of the slide. This bolt is tightened just enough to permit the camera to be moved up and down the track to any desired position, where it is held by friction. A stove bolt ($\frac{1}{4}$ by $1\frac{1}{2}$ inches) or a regular tripod screw can be used to attach the camera to the sliding head. When in use, the stand is clamped to a table or box by means of a carpenter's clamp. If the camera is to be used in a horizontal position, a block of wood may be placed under the end of the track to hold the track level. With this stand, a long-bellows camera, and a short-focus lens or microscope, excellent pictures can be made.

Figure 1 also shows a method of photographing insects from above by placing them on a pane of glass supported by shell vials. The vials eliminate shadows. The background can be properly diffused by using vials of various lengths according to depth of focus needed for the insect photographed. The desk lamp contains a photo flood bulb.

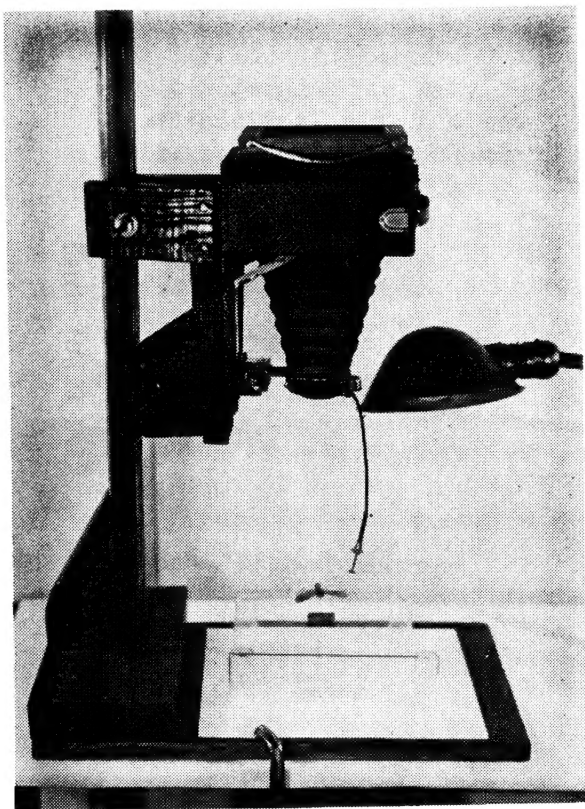


Figure 1.--Camera stand for insect photography.

